PTO/SB/08A (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

	to respond to a collection of information unless it contains a valid OMB control number. Complete if Known				
Substitute for form 1449/PTO	Application Number				
	Filing Date				
Information disclosure Statement by applicant	First Named Inventor				
	Art Unit				
(Use as many sheets as necessary)	Examiner Name				
heet 1 of 2	Attorney Docket Number 2003-0844-02				

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 4,533,959	08/06/1985	Sakurai	
	-	^{US-} 4,630,098	12/16/1986	Fling	
	_	US- 4,953,230	08/28/1990	Kurose	
		^{US-} 4,975,788	12/04/1990	Yamanishi	
		^{US-} 5,233,168	08/03/1993	Kulik	
		^{US-} 5,517,328	05/14/1996	Wilson	
 .		us- 5,517,587	05/14/1996	Baker et al.	
	1	us- 5,585,836	12/17/1996	Pham et al.	
	 	^{US-} 5,719,680	02/17/1998	Yoshida et al.	
		US- 5,926,837	07/20/1999	Watanabe et al.	
	 	US- 6,075,393	06/13/2000	Tomita et al.	
	1	^{US-} 6,118,463	09/12/2000	Houki et al.	
	 	^{US-} 6,188,801 B1	02/13/2001	Tsai et al.	
	1	US- 6,215,511 B1	04/10/2001	Asako et al.	
	\top	us- 6,229,555 B1	05/08/2001	Hadady et al.	
	†	us- 6,359,640 B1	03/19/2002	Ravitz et al.	
	\vdash	^{US-} 6,657,650 B1	12/02/2003	Omelchenko et al.	
	T	US-			
	+	US-			·

		FORE	IGN PATENT DOCL	JMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	-6
		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	
		JP 01-241444	09/26/1989	Ricoh Co Ltd	·	8
		JP 04-317254	11/09/1992	Ricoh Co Ltd		0/
	 	JP 08-123900	05/17/1996	IBM (US)		<u> </u>
	1	JP2001080124 A	03/27/2001	Minolta Co LTD		<u> </u>
	— —	JP2002094764 A	03/29/2002	Matsushita Graphic		▙
	 	JP 59226978 A	12/20/1984	Ricoh KK		

4	C. C	Date	
1	Examiner	Considered	
1	Signature	 Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.usplo.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the This collection of information is required by 37 CFR 1.97 and 1.96. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449/PTO **Application Number** Filing Date INFORMATION DISCLOSURE First Named Inventor STATEMENT BY APPLICANT Art Unit (Use as many sheets as necessary) **Examiner Name** Attorney Docket Number | 2003-0844 Sheet 2

			U. S. PATENT D	OCUMENTS	Deepe Columns Lines Where
xaminer nitials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ^{2 (# known)}			
		U\$-			
		US-			
	├	US-			
	\vdash	US-			
		US-			
		US-			
		US-			
	 	US-			
	 	US-			
		US-			
<u> </u>	 	US-			
	 	US-			
	+-	US-			
	+	US-			
	+	US-			
	 	US-			
	+-	US-			
	+-	US-			
	+-	US-			

Examiner Initials*	Cite No.1	FOREIG Foreign Patent Document Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		JP 60007656 A	01/16/1985	Fujitsu LTD		
	 	JP 60222258 A	11/06/1985	Canon Inc		
	 	JP 9265511 A	10/07/1997	Oki Electric Ind Co Ltd		Ļ
		JP 9186853 A	07/15/1997	Canon Inc		┾
						L
	1					

-	Date	
Examiner	Considered	
Signature		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ² See Kinds Codes of considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For USPTO Patent Documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the This collection of information is required by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, useful of the USPTO. Time will vary depending upon the individual case. Any comments including gathering, preparing, and submitting the complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.